

DEVICE OF HUMIDIFYING SYSTEM FOR FUEL CELL

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Abstract of JP6119931

PURPOSE: To maintain the water retaining condition of a high-polymer ion exchange film as an electrolyte and facilitate uniform distribution of hydrogen in each stack.

CONSTITUTION: A fuel cell humidifying system device has solid high-polymer electrolyte fuel cell stacks 31, 32 split in a plurality of fragments and humidifying devices 36, 37 located upstream of the stacks 31, 32 to humidify the fuel hydrogen, wherein the stacks 31, 32 are connected with the humidifying devices 36, 37, and humidification takes place little by little in the course of the fuel hydrogen being consumed.

